

VEGA LED Sports Light

LED Sports Light with 10 Years Warranty

Project Name:	
Catalog Number:	
Notes:	



Product Description:

Konlite VEGA series LED Sports Light was built to meet the variable needs of new and retrofit applications at professional and collegiate level outdoor stadiums.

Using OSRAM LEDs and INVENTRONICS driver, with the leading thermal management, the superior quality is guaranteed. Professional optical design that balance light delivery, cutoff and glare control, significantly improve the lighting performance when replacing traditional HID with VEGA LED Sports Light.

Applications

Community parks or Sports Field, Colleague Stadium, Golf Range, Gun Shooting Range.

Features:

Construction

Rugged die-cast aluminum housing with heat-dissipating fins ensure the long LEDs and driver life-time.

Light engines and driver box are sealed against moisture and environmental contaminants to IP65.

Ambient Temperature

Ambient operating temperature -40°C to 45°C (-40 °F to 113 °F)

Certification

UL Wet location listed.

DesignLights Consortium™ Qualified.

Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

Optic

Available in NEMA 3Hx3V, 4Hx4V distributions

Scalable Lumen Packages from 70,000 to 118,000 Lumens

Light engines are available in standard 5000K and 5700K configurations
UV stability Polycarbonate lens, distributing light where it is needed most

Electrical

Universal 120-277V and 277-480VAC input, with 1-10V dimmable driver.

THD≤20%, Power Factor: ≥90%

Built in surge protector 10KV/5KA for 120-277V and 20KV/10KA for 277-480V

Warranty

Estimated 100,000 hours lifespan based on IES LM-80 with 10-Year limited warranty. Complete warranty terms located at:

<https://revolveled.com/pages/konlite-led-luminaire-limited-warranty>

Ordering Information

Example: KVG50550KLVWTR

Series	Wattage	CCT	Voltage	Nema	Mounting	Finish	Dimming
KVG	505=505W 600=600W 850=850W	50K=5000K 57K=5700K	LV=120-277V HV=277-480V	N=NEMA 3Hx3V ¹ W=NEMA 4Hx4V	TR=Trunnion mount TN=Tenon mount	Blank=Black	Blank=1-10V Dimmable

Note:

1. 3H3V optic distribution is only available for 850W.

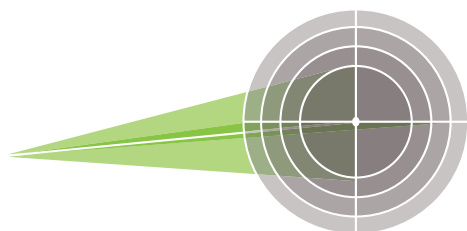


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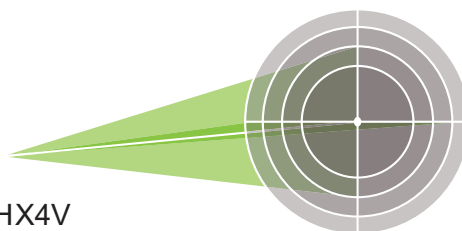
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Rev. 1/2/24

Photometrics



3HX3V
Beam Angle: 21 degree



4HX4V
Beam Angle: 33 degree

Performance Data

SIZE	SYSTEM WATTS	VOLTAGE	NEMA	EPA	CRI	LUMENS (5000K)	LPW (5000K)	LUMENS (5700K)	LPW (5700K)
VEGA I	505W	120-277V/347-480V	4Hx4V	1.8911	70	70,000lm	139lm/W	68,000lm	135lm/W
VEGA I	600W	120-277V/347-480V	4Hx4V	1.8911	70	82,000lm	137lm/W	80,000lm	133lm/W
VEGA II	500W	120-277V/347-480V	4Hx4V	2.5471	70	71,000lm	142lm/W	69,000lm	138lm/W
			3Hx3V	2.5471	70	68,160lm	136lm/W	66,240lm	132lm/W
VEGA II	600W	120-277V/347-480V	4Hx4V	2.5471	70	84,000lm	140lm/W	82,000lm	137lm/W
			3Hx3V	2.5471	70	80,640lm	134lm/W	78,720lm	131lm/W
VEGA II	850W	120-277V/347-480V	4Hx4V	2.5471	70	118,000lm	139lm/W	112,000lm	132lm/W
			3Hx3V	2.5471	70	113,280lm	133lm/W	107,520lm	126lm/W

Electrical Data

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
VEGA I	2350	505	120	4.21
		505	208	2.43
		505	240	2.10
		505	277	1.82
	2500	505	347	1.46
		505	480	1.05
VEGA II	5600	600	120	5.00
		600	208	2.88
		600	240	2.50
		600	277	2.17
	5200	600	347	1.73
		600	480	1.25
VEGA II	5500	850	120	7.08
		850	208	4.09
		850	240	3.54
		850	277	3.07
		850	347	2.45
		850	480	1.77



Lumen Maintenance

Operating hours	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	>0.93	>0.87	>0.81	>0.75

Accessories



Black Top Visor (Included in the box)



Laser Aiming Device(Included in the box)



DIM10-087-06
Integrated Control (Option)



Glare Control Shield
(Optional for large size)

Tenon Mount



Another optional easy installation is provided to apply the fixture on a 2 3/8' tennon with Yoke adapter.



Yoke Adaptor (Option)



LED fixture is easily fixed to cross arm without drilling on the arm.

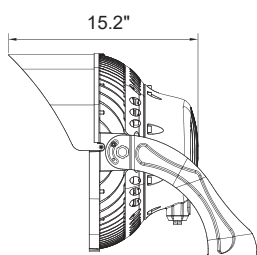
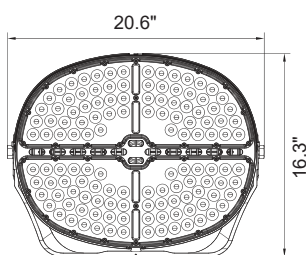


Sqaure Beam Mounting Bracket
(sold separately)

Dimensions

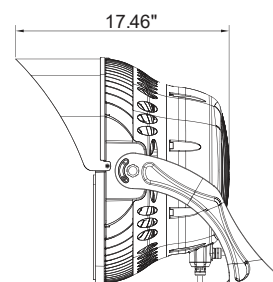
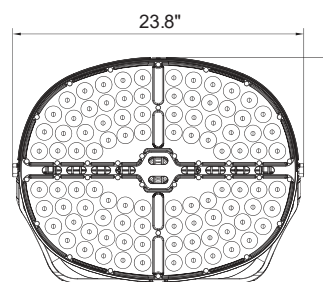
unit: inch

VEGA I: 505W & 600W



Net Weight:
505W: 39.26lb 600W: 40.99lb

VEGA II: 650W & 850W



Net Weight:
650W: 63.47lb 850W: 63.47lb



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